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ABSTRACT

Each year the National Center for Education Statistics (NCES) publishes this pocket summary of the "Projections of Education Statistics." The tables give a sampling of what is expected to happen over the next 10 years in the following areas: (1) population by age group; (2) elementary school and secondary school enrollment; (3) high school graduates; (4) numbers of classroom teachers; (5) student/teacher ratios; (6) expenditures; (7) higher education enrollment; and (8) earned degrees. Using institutional data from the NCES and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major techniques used to project these rates. The complete book, "Projections of Education Statistics to 2002," contains similar projections plus state-level tables on public elementary school and secondary school enrollment and high school graduates as well as other supplementary information. (SLD)

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NATIONAL CENTER FOR EDUCATION STATISTICS

Office of Educational Research and Improvement
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January 1992

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Each year, the National Center for Education Statistics (NCES) of the U.S. Department of Education publishes this pocket summary of the ***Projections of Education Statistics***.

The following tables give a sampling of what will happen over the next decade. But there is far more you can learn.

The complete book, ***Projections of Education Statistics to 2002***, provides the reader with NCES information on projected enrollment at all education levels, numbers of high school graduates, earned degrees conferred, classroom teachers, and expenditures of public elementary and secondary schools. In addition there are state-level tables on public elementary and secondary enrollment and public high school graduates and some supplementary tables from other sources.

The book takes a look at topics such as

- What is going to happen to education in the next 10 years?
- How many students will be in school at every level?
- Is the average age of college students going to continue to rise?
- Should communities build schools or wait?

To receive a copy of the 218-page ***Projections of Education Statistics to 2002***, see the ordering information at the end of this booklet.

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Pocket Projections

PROJECTIONS OF EDUCATION STATISTICS TO 2002

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National Center for Education Statistics

"The purpose of the Center shall be to collect, and analyze, and disseminate statistics and other data related to education in the United States and in other nations."—Section 406(b) of the General Education Provisions Act, as amended (20 U.S.C. 1221e–1).

January 1992

Pocket Projections 1979–80 to 2001–2002

Characteristic	1979–80	1990–91 (estimate)	2001–2002 (projected)	Percent change 1979–80 to 1990–91	Percent change 1990–91 to 2001–2002
		Population[1] (Numbers in thousands)			
5–13 years old	31,431	32,527	36,200	3	11
14–17 years old	16,611	13,290	15,790	–20	19
18 years old	4,316	3,509	3,843	–19	10
18–24 years old	30,048	26,350	25,734	–12	–2
25–29 years old	19,178	21,675	17,848	13	–18
30–34 years old	17,025	22,506	19,988	32	–11
35–44 years old	25,176	37,965	44,199	51	16
		Elementary/secondary education (Numbers in thousands)			
Enrollment					
Total	46,645	46,221	52,679	–1	14
Public	41,645	41,026	46,782	–1	14
Private	5,000	5,195	5,897	4	14
Kindergarten—grade 8	31,631	33,808	37,707	7	12
Public	27,931	29,742	33,172	6	12
Private	3,700	4,066	4,535	10	12
Grades 9–12	15,014	12,413	14,972	–17	21
Public	13,714	11,284	13,610	–18	21
Private	1,300	1,129	1,362	–13	21

See footnotes at end of booklet

Characteristic	1979–80	1990–91 (estimate)	2001–2002 (projected)	Percent change 1979–80 to 1990–91	Percent change 1990–91 to 2001–2002
		Elementary/secondary education (Numbers in thousands)			
High school graduates					
Total	3,043	2,465	2,882	–19	17
Public	2,748	2,210	2,584	–20	17
Private	295	255	298	–14	17
Classroom teachers					
Total	2,459	2,744	3,217	12	17
Public	2,183	2,391	2,805	10	17
Private	276	353	412	28	17
Elementary	1,378	1,632	1,884	18	15
Public	1,190	1,379	1,592	16	15
Private	188	253	292	35	15
Secondary	1,081	1,112	1,333	3	20
Public	993	1,012	1,213	2	20
Private	88	100	120	14	20
Pupil/teacher ratios[2]		(In units)			
Public					
Elementary	20.9	18.6	17.7	—	—
Secondary	16.9	15.2	15.3	—	—
Private					
Elementary	19.7	16.1	15.5	—	—
Secondary	14.8	11.3	11.4	—	—
Expenditures		(Billions of constant 1989–90 dollars)			
Current expenditures in public schools[3]	$142.4	$188.1	$257.7	32	37

Characteristic	1979–80	1990–91 (estimate)	2001–2002 (projected)	Percent change 1979–80 to 1990–91	Percent change 1990–91 to 2001–2002
		Elementary/secondary education (Numbers in thousands)			
Expenditures (continued)					
		(Constant 1989–90 dollars)			
Current expenditures per pupil in average daily attendance in public schools	$3,719	$4,953	$5,951	33	20
Average annual salaries for teachers in public schools	$26,141	$31,204	$36,675	19	18
		Higher Education (Numbers in thousands)			
Enrollment					
Total	11,570	13,931	15,865	20	14
Control of institution					
Public	9,037	10,844	12,355	20	14
Private	2,533	3,087	3,510	22	14
Type of institution					
4-year	7,353	8,738	9,927	19	14
2-year	4,217	5,193	5,938	23	14
Sex of student					
Men	5,683	6,419	6,991	13	9
Women	5,887	7,512	8,874	28	18

Characteristic	1979–80	1990–91 (estimate)	2001–2002 (projected)	Percent change 1979–80 to 1990–91	Percent change 1990–91 to 2001–2002
		Higher education (Numbers in thousands)			
Enrollment (continued)					
Age[4]					
19 years and under	3,016	3,166	3,511	5	11
20–21 years old	2,280	2,553	2,987	12	17
22–24 years old	1,821	2,126	2,421	17	14
25–29 years old	1,801	2,073	1,894	15	–9
30–34 years old	1,096	1,406	1,325	28	–6
35 years and over	1,557	2,605	3,730	67	43
Attendance status					
Full-time	6,794	7,828	8,906	15	14
Part-time	4,776	6,103	6,959	28	14
Level					
Undergraduate	9,998	11,969	13,598	20	14
Graduate	1,309	1,662	1,915	27	15
First-professional	263	300	352	14	17
Full-time-equivalent	8,487	10,033	11,418	18	14
Earned degrees					
Associate	401	470	539	17	15
Men	184	200	219	9	10
Women	217	270	320	24	19
Bachelor's	929	1,064	1,189	14	12
Men	474	492	528	4	7
Women	456	572	661	25	16

Characteristic	1979–80	1990–91 (estimate)	2001–2002 (projected)	Percent change 1979–80 to 1990–91	Percent change 1990–91 to 2001–2002
		Higher education (Numbers in thousands)			
Earned degrees (continued)					
Master's	298	327	383	10	17
Men	151	150	184	(*)	23
Women	147	177	199	20	12
Doctor's	33	39	41	19	7
Men	23	24	22	5	–7
Women	10	15	19	50	31
First-professional	70	74	94	5	28
Men	53	44	57	–16	29
Women	17	30	37	70	26

Technical Notes

General Projection Methodology

Beginning with institutional data from the National Center for Education Statistics (NCES) and demographic data and projections from the Bureau of the Census, total enrollment is projected using expected enrollment rates. Exponential smoothing and multiple linear regression are the two major projection techniques used to forecast these rates. Demographic assumptions used by NCES are consistent with Bureau of the Census Series 18 population projections. Elementary and secondary expenditure projections are produced using multiple linear regression.

For methodological details on the assumptions and methods used to develop these projections, and details on data sources, see *Projections of Education Statistics to 2002.*

(*) Between -0.5 and 0.5.

[1]Population projections are from the Series 18 population projections of the Bureau of the Census. Population data for 1990–91 are projected.

[2]Based on enrollment by organizational level.

[3]Excludes capital outlay and interest.

[4]Data for 1979–80 are estimated.

NOTE: Because of rounding, details may not add to totals. Percentages are based on unrounded numbers.

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